



1182300 - R8 SDMS

9/2/10 UT ltr to PC re seperation of tailings/developmt waste

Mia Bearley

to:

hernandez kathryn

09/02/2010 09:45 AM

Cc:

Mia Bearley

Show Details

1 Attachment



TN201000763.DOC

Thanks, Kathy.

-----Forwarded by Mia Bearley/R8/USEPA/US on 09/02/2010 09:40AM -----

To: Bill Murray/R8/USEPA/US@EPA

From: khernandez2@vzw.blackberry.net

Date: 09/02/2010 09:02AM

Cc: Stanley Christensen/R8/USEPA/US@EPA, Mia Bearley/R8/USEPA/US@EPA, Matthew Cohn/R8/USEPA/US@EPA, John Dalton/R8/USEPA/US@EPA, Maureen O'Reilly/R8/USEPA/US@EPA

Subject: Fw: Fwd: Seperation of Mine Tailings and C/D Waste in Park City

(See attached file: TN201000763.DOC) Sent from my Verizon Wireless BlackBerry

From: "Mo Slam" <mislam@utah.gov>

Date: Thu, 02 Sep 2010 08:24:40 -0600

To: Diane Foster<diane.foster@parkcity.org>

Cc: <hernandez.kathryn@epa.gov>

Subject: Fwd: Seperation of Mine Tailings and C/D Waste in Park City

The following DSHW DOCUMENT is ATTACHED:

TRACKING NUMBER: 2010.00763

DOCUMENT SUBJECT: Seperation of Mine Tailings and C/D Waste in Park City

DOCUMENT DATE: 9/2/2010

ORIGINAL DOCUMENT SIGNED BY: Ralph Bohn



State of Utah

GARY HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF SOLID AND
HAZARDOUS WASTE
Scott T. Anderson
Director

September 2, 2010

Diane Foster
Environmental Affairs Manager
Park City Municipal Corporation
P. O. Box 1480
Park City, Utah 84060-1480

Dear Ms. Foster:

This letter is a follow-up to our meeting on August 19, 2010 at the UDEQ offices. We understand that Park City is concerned regarding the high disposal cost for its construction waste and limited landfill capacity for tailings waste. We believe that Park City can partly address these issues through waste separation/segregation practices. Park City may do so by asking the demolition contractor to submit a waste separation, management and recycling plan prior to any demolition.

The basic premise is to separate the waste which had no contact with the mine tailings from mine tailings and waste that is in direct contact with mine tailings. This way any solid waste and solid waste mixed with mine tailings, which do not fail TCLP, may be taken to a solid waste landfill for disposal. Recycling of construction waste to the extent practical should also be considered.

Enclosed is a brochure that describes wastes types that are acceptable/prohibited at a solid waste construction and demolition (Class IVb) landfill. If you have any questions or would like to schedule a meeting to further discuss this issue, please feel free to contact me (801) 536-0212.

Sincerely,

Original Document signed by Ralph Bohn on 9/2/10

Ralph Bohn, Solid Waste Section Manager

RTB/kk

Enclosure

c: Kathryn Hernandez, EPA, Region VIII
Mo Slam, UDEQ

TN201000763.DOC

195 North 1950 West • Salt Lake City, UT
Mailing Address: P.O. Box 144880 • Salt Lake City, UT 84114-4880
Telephone (801) 536-0200 • Fax (801) 536-0222 • T.D.D. (801) 536-4414
www.deq.utah.gov
Printed on 100% recycled paper

The Solid Waste Permitting and Management Rules prohibit burning of any waste inside disposal areas at all landfills in Utah. Under certain circumstances, the Division of Air Quality rules allowed burning of yard wastes during specific times of the year. The Solid Waste Permitting and Management Rules allow CLASS IV landfills to burn yard wastes provided that burning of these wastes complies with local burning restrictions. When burning yard wastes, all other construction and demolition wastes must be removed. If other wastes are not removed, the entire pile will be considered construction or demolition waste and can only be landfilled. Burning yard wastes must follow these restrictions:

- Burning of yard waste is not allowed in some parts of Utah. Landfill operators must contact local authorities to determine if burning is an option at your landfill.
- If burning yard waste is an option at your landfill, then burning must occur in an area separate from construction and demolition waste disposal areas. This area must be isolated by a fence or dirt berm, and be sufficiently distant from disposal activities so that burning of these yard wastes will not impact other landfill activities.
- Burning of yard wastes may occur ONLY during the open burn windows established by the Division of Air Quality. The landfill must obtain the approval of BOTH the County Fire Marshall AND the Local Health Department. It is advisable that the Division of Solid and Hazardous Waste also be notified of burning of any yard wastes so that inquiries can be answered quickly and the community can be assured that burning is planned and controlled.
- The Division of Air Quality rules currently allow burning of yard wastes by an Air Quality Board exemption. The Air Quality Board can deny this exemption at any time.

For further information, please call the Utah Division of Solid and Hazardous Waste during normal business hours at (801) 536-0200 and ask for a representative of the Solid Waste Section.

The Division of Solid and Hazardous Waste is located on the fourth floor of the Cannon Health Building. Our address is:

Division of Solid and Hazardous Waste
195 North 1950 West
P.O. Box 144880
Salt Lake City, Utah 84118-4880
www.deq.utah.gov

UTAH DEPARTMENT OF
ENVIRONMENTAL QUALITY



WASTES ACCEPTABLE AT
CLASS IV
LANDFILLS

April 2010

DIVISION OF
SOLID AND HAZARDOUS WASTE

(801) 536-200 Voice
(801) 536-0222 Fax
www.deq.utah.gov

YARD WASTES

Yard wastes include brush, branches, clippings, leaves, and grass. Yard wastes do not include processed lumber such as 2X4's, pallets, and crates. Yard wastes may be disposed with construction and demolition wastes.

CONSTRUCTION WASTES

Construction wastes include wastes generated from construction, and includes building materials used in construction such as packaging materials from products, waste lumber, wallboard, boxes from appliances, empty paint cans, empty caulking tubes, and empty sealer and adhesive cans. "EMPTY" means that no more than 10% of the product remains inside the container.

DEMOLITION WASTES

Demolition wastes include wastes generated from the destruction or remodeling of buildings and houses. Wastes that are reasonably expected in the rubble of demolition or remodeling can be disposed at a CLASS IV landfill without further segregation. These wastes may include such items as furnaces, pipes, ducting, and water heaters. Furniture and other contents that are not part of the house or building structure must be removed before demolition (including mercury thermostats, mercury-containing light fixtures, and PCB-containing fluorescent light ballasts.)

WASTES ACCEPTABLE AT CLASS IV LANDFILLS

If the construction, demolition, or yard wastes arrive at the landfill in a dumpster or container, and if the contents of the dumpster or container are predominantly construction, demolition, or yard wastes, the entire contents of the dumpster or container may be disposed in a CLASS IV landfill.

However, if these wastes also include obvious quantities of prohibited wastes (see top shaded section at right), then these prohibited wastes MUST be segregated and removed from the construction, demolition, or yard wastes before disposal.

If prohibited wastes are not segregated and removed, the ENTIRE load must be REJECTED by the CLASS IV landfill and disposed at a landfill approved for the waste.

Cans or tubes holding greater than 10% product, such as paint, adhesives, solvents or sealers, must be disposed at a landfill approved for the waste.

Wastes generally associated with the process of remodeling, such as flooring, sheet rock, roofing materials, insulation, windows, siding, gutters, and concrete, may be disposed at a CLASS IV landfill.

RECYCLING AT CLASS IV LANDFILLS

A Class IV landfill may operate separate areas for temporary storage of recyclable metals, automotive batteries, and used tires. These areas must be kept free of construction, demolition, and yard wastes. These materials must be recycled annually.

PROHIBITED WASTES AT CLASS IV LANDFILLS

- Household Wastes
- Contaminated Soils which includes soils from the excavation of underground storage tanks.
- Friable asbestos.
- Tanks of any sort.
- Railroad Ties.
- Cardboard that is not a result of construction or demolition.
- Furniture, including mattresses, box springs, headboard, drawers, chairs, couches, and tables.
- Metal, including water heaters, pipe, appliances, bicycles, metal in general, unless stored in a recyclable area. Metal that is part of construction or demolition may be disposed in the landfill.
- Electronics, including radios, TV's, computers, and other electronic items.
- Treated lumber, including any wood items that have been chemically treated to prevent rotting.

ACCEPTABLE WASTES AT CLASS IV LANDFILLS

- Yard wastes.
- Construction wastes.
- Demolition wastes.
- Untreated wood, including pallets and crates.
- Dead animals.
- Asphalt from roads and other surfaces.
- Whole tires when less than four tires are received in each load.
- Tires with rim diameters greater than 24.5 inches.
- Shredded tires or tire-derived material when the requirements of the Utah Administrative Rules R315-320 are met.